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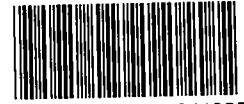
COMMONWEALTH of VIRGINIA

DEPARTMENT OF WASTE MANAGEMENT

11th Floor, Monroe Building

101 N. 14th Street

Richmond, Va. 23219



SEMS DocID

2341935

ORIGINAL
(filed)

PRELIMINARY ASSESSMENT

OF

COSNER BROTHERS JUNKYARD

VA-

401

Submitted By:

Commonwealth Of Virginia

Bureau of Solid Waste Management

September 4, 1986

Prepared by:

Jennifer Lisa Gundersen, Chemist
Bureau of Solid Waste Management

Approved by:

P. M. Ewald
Superfund Program Coordinator
Bureau of Solid Waste Management

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1.0 SUMMARY

Evidence of a battery cracking operation was not found at the Cosner Brothers Junkyard. Potentially hazardous material held in the surface impoundment has been released into the surface water since the preliminary assessment site visit was conducted. A memo from Mr. Roy E. Miller, dated 22 August, 1986, at the Valley Regional Office of the State Water Control Board indicated that there was little danger present to the surface water or groundwater from this site or from the breaching of the runoff pond. The memo also indicated that the remedial actions presently underway are sufficient to prevent any future danger.

Assessment of the site revealed some oil staining of the ground behind the garage area. Overflow from the waste storage tanks ran into the surface impoundment. Overflow from the surface impoundment appeared rather green at pH 6 after two days of heavy rain. An oil sheen was observed in the drainage ditch coming from the surface impoundment.

Allegations of land application of the waste from the holding tanks on portions of the site have been verified.

2.0 INTRODUCTION

2.1 Site Location

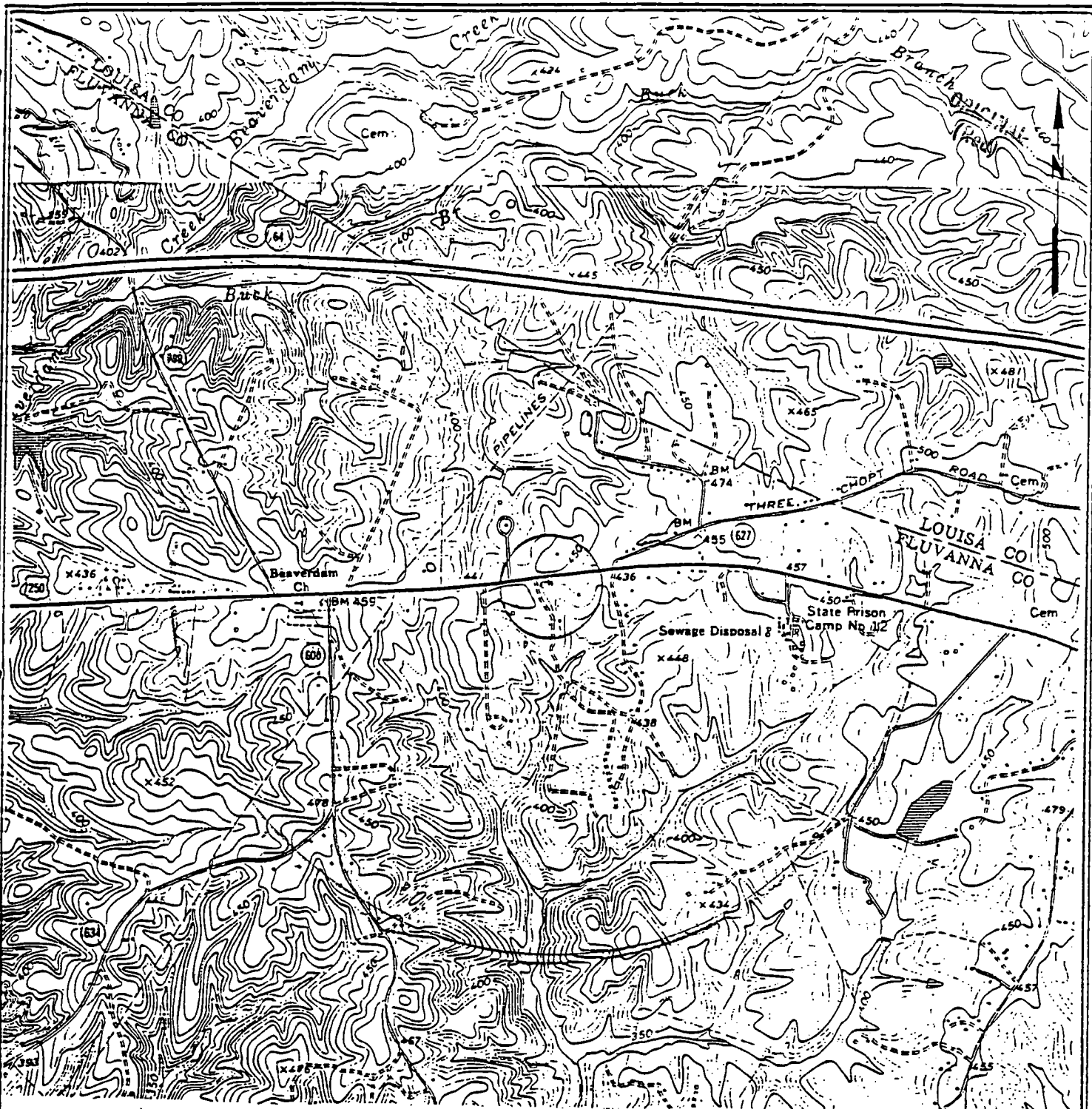
Cosner Brothers Junkyard is located on the southside of US Route 250 in Troy, Virginia at about 37°59'07"N, 78°16'49"W (Figure 1).

2.2 Layout

The office and garage are located in one building on the north end of the property (Figure 2). A runoff containment pond was located about 50 yards southeast of the building. The facility's well is slightly to the west of the pond with a depth of about 300 ft. Four storage tanks are now located underground between the pond and the building with a total capacity of about 5500 gallons. An overflow pipe from the original tank (1000 gallon capacity) ran to the containment pond. The remaining land (about 150 acres) is used for the storage of old cars and car parts. An unnamed, intermittent stream runs through the site. Cattle are allowed to graze throughout the site after closing time.

2.3 History

Cosner Brothers Junkyard is owned and operated by Mr. Lee Cosner. Mr. Cosner has owned the site and operated a junkyard since 1959.



from: USGS topographic quadrangles of Boyd Tavern and Keswick, 7.5 min. series



COMMONWEALTH of VIRGINIA

SITE LOCATION MAP, COSNER BROS. JUNKYARD

REVISED:

REVISED:

DRAWN BY:

REVISED:

DATE: 9-3-86

← W U.S. Route 250

ORIGINAL
(Rev)

office + garage

pond
runoff pathways
straw
bales

car
parts in stream

NO SCALE
approx. 150 acres



COMMONWEALTH of VIRGINIA

COSNER BROS. JUNKYARD, SITE LAYOUT

REVISED:

REVISED:

DRAWN BY: 4/8/86

REVIEWED:

DATE: 9-3-86

A complaint was received claiming that Mr. Cosner also had a battery cracking operation at the site. A preliminary assessment site visit was made on 19 August, 1986. Following the site visit the pond was breached and drained into the surface water drainageway. State Water Control Board officials visited the site on 21 August, 1986. A report was also received from Mr. Bob Forman (1986), who spoke to Mr. Sweeney, a septic pumper, on 21 August, 1986. Mr. Forman reported that Mr. Sweeney said he pumped out the waste storage tank at Mr. Cosner's facility and dumped the liquid in the southern portion of Mr. Cosner's land. This report was confirmed in a personal communication with Mr. Sweeney (1986).

3.0 DEMOGRAPHICS

3.1 Population

The three mile radius around the site includes portions of Fluvanna, Louisa and Albemarle Counties. The estimated population of this area, according to 1980 census data, is 1152. According to county administration offices in all three counties, the entire area is served by private wells for the drinking water supply. No municipal water is available.

3.2 Climate

The NOAA weather observatory in Louisa has recorded a mean annual temperature of 56.1°F (13.4°C) and a mean annual rainfall of 42.08 inches (106.9cm). The mean annual lake evaporation for the area is 37 inches (93 cm).

4.0 SURFACE WATER

The site is relatively flat with runoff from the shop area running southeast to an unnamed intermittent stream. This stream feeds into Oliver Creek about 3500 ft. from the shop area Oliver Creek drains to the Rivanna River. Within the area of concern there are no known surface water intakes used as drinking water sources.

5.0 HYDROLOGY

5.1 Geology

The Cosner Brothers Junkyard site is located in the Piedmont Physiographic Province of Virginia. The Piedmont is composed of an extensive complex of igneous and metamorphic rocks, Precambrian to early Paleozoic in geologic age, underlying weathered soils of varying thickness. There are numerous igneous intrusions, sills, and dikes with some metamorphosed volcanic lava flows. The Piedmont is locally faulted and folded, and contains fractures and foliations which can strongly influence the water-bearing capacity of the rocks.

Cosner Brothers Junkyard is located on the eastern limb of the Rivanna River Anticline. The contact between two units, the paragonite unit and the lower chlorite muscovite unit of the Evington Group underlies the site. These units consist of metamorphosed volcanic tuff or ash and metamorphosed shales and graywackes (Smith, 1964).

5.2 Groundwater

Groundwater within the Piedmont Province generally occurs within two distinct but connected zones. The upper zone is comprised of soil and weathered bedrock. This zone acts as a low permeability recharge "sponge" for the lower bedrock zone. In the bedrock zone, groundwater typically occurs within the joints, foliations, and fractures created by weathering and structural deformation in the bedrock. Fracture transport in the bedrock aquifer trends along a northeast-southwest axis.

In Fluvanna County groundwater is available from a 30 to 70 foot thick zone of soil and weathered material which overlies the bedrock. The water table generally occurs from 30 to 40 feet below the ground surface (VSWCB, September 1982). Older domestic wells (prior to 1960-65) tend to be large diameter, shallow, and usually 30-60 ft. deep. Wells dug more recently are usually deeper (up to 300 feet) and only about 6 inches in diameter.

6.0 POTENTIAL CONTAMINANT SOURCES

Cosner Brothers Junkyard disassembles junked automobiles and sells the useable parts. The cars are disassembled in the shop area where the parts are cleaned with steam or degreasers. The waste oils and cleaning fluids are drained into underground storage tanks equipped with an overflow pipe leading to the runoff containment pond. One 55-gallon drum labelled Atec-24 (acetyl-triethyl citrate) was observed. Oil stains were observed on the ground around the shop area.

The runoff pond has since been released into the surface water and more underground storage tanks have been installed. It has been reported that wastes from the tanks had previously been dumped on another area of the site. Mr. Cosner neither confirmed nor denied this report. In a personal communication, Mr. Sweeney stated that he emptied the tanks about once a year and spread the wastes around a trash pile on Mr. Cosner's property.

7.0 EXPOSURE ASSESSMENT

7.1 Groundwater

According to county administration officials in Fluvanna, Albemarle, and Louisa Counties, the entire area is served by private wells for drinking water. There is, therefore, a high risk of potential exposure to the population within the area of concern through the groundwater route.

ORIGINAL
(Red)

REFERENCES

Forman, Bob. Personal communication with J.L. Gundersen on 27 August, 1986.

Smith, James W. et. al., Geology and Mineral Resources of Fluvanna County.
Virginia Division of Mineral Resources, Bulletin 79, 1964.

Sweeney, Robert. Personal Communication with J. L. Gundersen on 4 September, 1986.

Virginia State Water Control Board, Municipally Owned Water Supply Systems-
Valley Region, Basic Data Bulletin #30, September, 1982.

JLG1:SF-101/dle

ORIGINAL
(Red)

PHOTOGRAPHIC LOG

APPENDIX A



View from the west across junkyard to
adjacent farm



Typical view of the junkyard

21/1/82

8-19-86

Scarf L. G.

view looking east to adjacent farm
Cosner Bros Junkyard

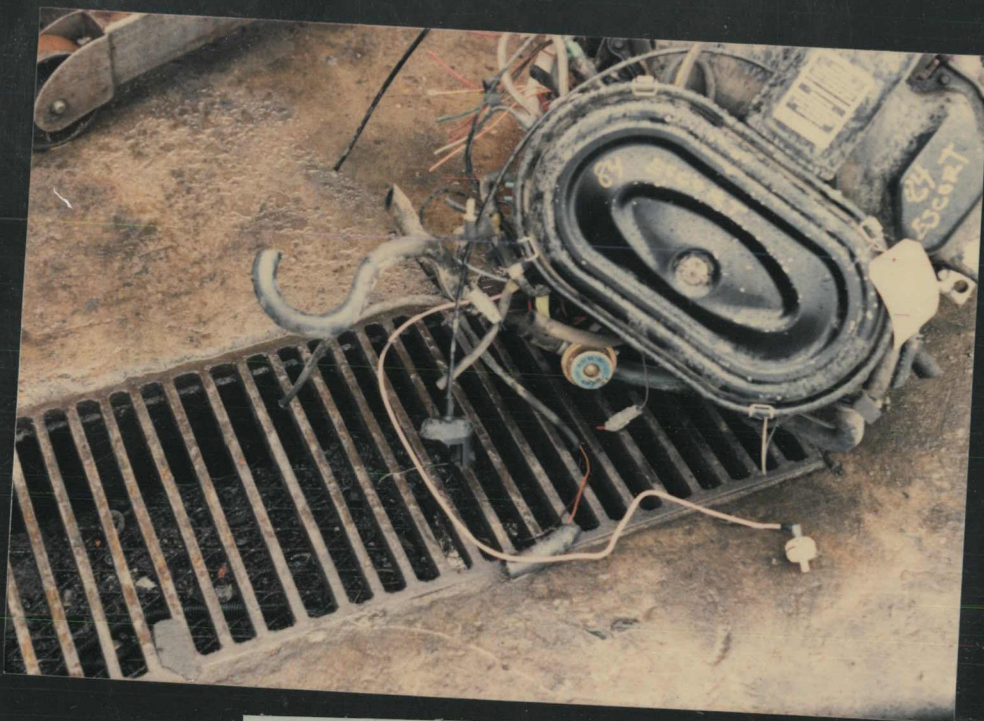
THIS PAPER IS MANUFACTURED BY KODAK

8-19-86

Scarf L. G.

view of part of the junkyard
Cosner Bros Junkyard

THIS PAPER IS MANUFACTURED BY KODAK



Drain in the garage area



Rear view of the garage area

8-19-86

Seniye L. G. J.

drain outside shop area

Cosner Bros Junkyard

8-19-86

Seniye L. G. J.

Rear view of garage area

Cosner Bros Junkyard



Containment pond for overflow from the
storage tank



Containment pond and dam

2319123

8-19-86

Jeanne F. Galt

view from east of pond

Cosner Bros Junkyard



8-19-86

Jeanne F. Galt

view of dam & pond

Cosner Bros Junkyard

CONFIDENTIAL - NOT FOR DISTRIBUTION



Overflow pipe leading from storage tank to pond- note oil staining on ground



Containment pond and rear of garage area

8-19-86

Jennif L Gol

overflow pipe from storage
tanks to pond

note oil stains & stressed
vegetation

Cosner Bros Junkyard

8-19-86

Jennif L Gol

view of the pond from the south

note top of dam in lower right corner

Cosner Bros Junkyard



Overflow from the pond flowing into the
drainage ditch (looking north)

231942

8-18-86

Jennif L Gil

overflow from pond

Cosner Bros Junkyard Troy Ala

8-19-86

Jennif L Gil

overflow from pond running into
drainage ditch

Cosner Bros Junkyard

STAPLES



View to the south of the drainage ditch



Oil sheen on runoff in the drainage ditch

2319128

8-19-86

Drainage ditch from
pond - looking south
Corner Bros Junkyard
Tray Va

Jennifer L. Galt

8-19-86

oil sheen in runoff from pond
(lower right corner)

Corner Bros Junkyard

Jennifer L. Galt

STAPLES



Auto parts and straw bales in the drainage ditch



2349123

car parts & straw bales
in runoff stream

Cosner Bros Junkyard

8-19-86
Geanf L G

8-19-86

8-19-86
Geanf L G

auto parts & straw bales in runoff
stream

Cosner Bros Junkyard



Swampy area along the path of the
unnamed stream



Empty drums and trash along stream path

8-19-86
Scarf & Gil

swamp area along stream
Cosner Bros Junkyard

8-19-86

Scarf & Gil

tires, empty drum + trash along
stream

Cosner Bros Junkyard

ORIGINAL
(Red)

EPA PRELIMINARY ASSESSMENT FORMS

APPENDIX B



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

VA

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Cosner Bros. Junkyard

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

Box 366

03 CITY

Troy

04 STATE

VA

05 ZIP CODE

22974

06 COUNTY

Fluvanna

07 COUNTY CODE

08 CONG DIST

09 COORDINATES LATITUDE

37° 59' 07" N

LONGITUDE

78° 16' 49" W

10 DIRECTIONS TO SITE (Starting from nearest public road)

Site is located on the south side of U.S. Route 250 .2 miles west of Three Chopt Road (RT. 627)

III. RESPONSIBLE PARTIES

01 OWNER (If known)

Lee Cosner

02 STREET (Business, mailing, residential)

Same

03 CITY

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

(804) 977-8393

07 OPERATOR (If known and different from owner)

Same

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE

☐ B. FEDERAL

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: / /

MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: / /

MONTH DAY YEAR

☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

08, 19 86

☐ NO

MONTH DAY YEAR

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☒ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE

☐ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

1959

present

☐ UNKNOWN

BEGINNING YEAR

ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

waste oil, antifreeze, battery acid, transmission & brake fluids, Atec-24, detergents, degreasers

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

waste oil from storage tanks dumped on ground, contents of pond released into surface waste.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

P.M. Ewald

02 OF (Agency/Organization)

Department of Waste Management

03 TELEPHONE NUMBER

(804) 225-2667

04 PERSON RESPONSIBLE FOR ASSESSMENT

Jennifer L. Gundersen

05 AGENCY

DWM

06 ORGANIZATION

Superfund

07 TELEPHONE NUMBER

(804) 225-2667

08 DATE

08, 21, 86

MONTH DAY YEAR



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION**

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
VA	

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (<i>Check all that apply</i>) <input type="checkbox"/> A. SOLID <input type="checkbox"/> B. POWDER/FINES <input checked="" type="checkbox"/> C. SLUDGE <input type="checkbox"/> D. OTHER _____ <i>(Specify)</i> <input type="checkbox"/> E. SLURRY <input checked="" type="checkbox"/> F. LIQUID <input type="checkbox"/> G. GAS	02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) TONS _____ CUBIC YARDS _____ NO. OF DRUMS _____	03 WASTE CHARACTERISTICS (<i>Check all that apply</i>) <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input checked="" type="checkbox"/> D. PERSISTENT </div> <div> <input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> F. INFECTIOUS <input type="checkbox"/> G. FLAMMABLE <input type="checkbox"/> H. IGNITABLE </div> <div> <input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> K. REACTIVE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE </div> </div>
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III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			automotive fluids such as
OLW	OILY WASTE	Unknown		antifreeze, oil and brake fluids
SOL	SOLVENTS	Unknown		steam and solvents from cleaning
PSD	PESTICIDES			and degreasing ports and drained
OCC	OTHER ORGANIC CHEMICALS	Unknown		into storage tanks
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

V. FEEDSTOCKS *(See Appendix for CAS Numbers)*

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Give specific references, e.g., state files, sample analysis, reports)

Mr. Lee Cosner
Mr. Robert Sweeney

ORIGINAL
(Red)

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
1/A

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Surface impoundment was unlined waste oils disposed on ground surface

01 ☐ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Surface impoundment was emptied into surface water that leads into Oliver Creek and Rivanna River

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

None expected - no volatile compounds were observed

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

None expected or observed

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Employees of junkyard wear no protective clothing site is enclosed by chain link fence

01 ☐ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (ACRIS) 04 NARRATIVE DESCRIPTION

Waste oil from storage tanks dumped on ground surface-area of dumping in unknown

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Private wells are only source of drinking water

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 20 04 NARRATIVE DESCRIPTION

Surface impoundment was fenced in-workers wear no protective clothing and were exposed to runoff from the pond. No injuries have been reported

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Through groundwater, surface water



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT**
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

VA

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☒ POTENTIAL☐ ALLEGED

None observed though possible due to land application of wastes

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)02 ☐ OBSERVED (DATE: _____)☒ POTENTIAL☐ ALLEGED

None observed though possible because cattle graze freely on property

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☒ POTENTIAL☐ ALLEGED

Possible through cattle - drinking water from runoff, eating grass near oil dumping area

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)02 ☒ OBSERVED (DATE: 08-19-86)☐ POTENTIAL☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

Surface impoundment was unlined, then breached water ran into surface water. Wastes from tanks dumped on property

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☒ POTENTIAL☐ ALLEGED

No barriers to runoff when surface impoundment was emptied

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

area is on septic system

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION02 ☒ OBSERVED (DATE: 9-4-86)☐ POTENTIAL☐ ALLEGED

Waste oil from storage tanks dumped in back of property, water in surface impoundment emptied into surface water.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

A battery cracking operation allegedly took place on the site - no evidence of such operation was seen

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Case specific references, e. g., state files, sample analysis, reports)

preliminary assessment site visit, Mr. Roberty Sweeney

FIELD TRIP SUMMARY REPORT

ORIGINAL
(EPA)

This summary should be prepared in conjunction with the Preliminary Assessment, Form 2070-12.

EPA Case Number VA Site Name Cosner Bros. Junkyard

Site Description

The site is generally flat with the shop in the northern portion of the site. A creek runs through the site and along the eastern border. The majority of the remaining area is used to store junked cars and car parts

Area of site (acres)

150

Hazardous portion, if not entire site

unknown

Description of processes/operations which took place at the site

Junked cars disassembled
Automotive fluids drained into storage tanks

Waste handling/disposal practices

Batteries are picked up by Mr. Brookman who sells them in Charlottesville
Waste oil, radiators drained into storage tanks - Mr. Sweeney emptied tanks - allegedly dumped waste on site

Site topography and runoff drainage pathways

See Sketch

Surface or subsurface drainage areas (leachate) noted?

None observed

Odors/stains noted?

yes

Stressed vegetation noted?

no

Location and description of streams or receiving waters adjacent to site. Include flow direction and observations. Note location on attached map.

see sketch

Monitoring wells on site or in vicinity. Note location on attached map.

None

Population within 1/2 mile of site:

- ☐ 0-10
☒ 10-100
☐ greater than 100

Population within 1 mile of site:

- ☐ 0-10
☐ 10-100
☒ 100-1000
☐ greater than 1000

ORIGINAL
(Red)

Surrounding land use (woodlot, agricultural, recreation, industrial, etc.)

NORTH

farm

EAST

farm - (State prison farm)

SOUTH

farm

WEST

farm

Municipal water supply within 3-mile radius (note use of surface water and/or wells)

*None*Reference: *County Administration officials in Louisa, Fluvanna & Albemarle Counties*

Domestic wells. Approximate number within 1/2 mile:

List nearest downgradient wells below and show locations on attached map.

Owner/Resident	Address	Phone
<i>Lee Cosner</i>	<i>Box 366 Troy, VA</i>	<i>977-8393</i>

Groundwater flow direction, if known

Unknow

Description of odor/taste problems

None

State inspection activity (including permits held)

investigated by SWCB - 26 march, 1984

State/Federal/Private remedial activities

None

Additional comments--Further description of site

SITE CONTACTS

Name and Title	Affiliation	Phone
<u>Lee Cosner - Owner</u>	<u>Cosner Bors. Junkyard</u>	<u>(804) 971-8393</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

INSPECTION INFORMATION

Name and title of inspector(s) Jennifer L. Gundersen - Chemist, WJ Samford, Geologist

Agency Department of Waste Management Phone number (804) 225-2667

Date August 19, 1986 Time on site 2 hours

Weather conditions:

rainy, 75°F

ATTACHMENTS

- o Topographic map identifying site location. Include name of quadrangle map.
- o Site sketch map showing location of monitoring wells, domestic wells, municipal water supplies, and areas of concern (lagoons, leachate seeps, drums, etc.)
- o Any available sampling results or state monitoring data with map showing sample locations.

ORIGINAL
(Red)

CORRESPONDENCE

APPENDIX C

MEMORANDUM

State Water Control Board

2111 North Hamilton Street

P. O. Box 11143

Richmond, VA. 23230

ORIGINAL
(Red)

SUBJECT: Pollution Complaint 84-377 - Fluvanna County

TO: P. C. File 84-377

FROM: L. M. Carpenter *LMC*

DATE: 27 March 1984

COPIES: Dave Chance - PReP Central

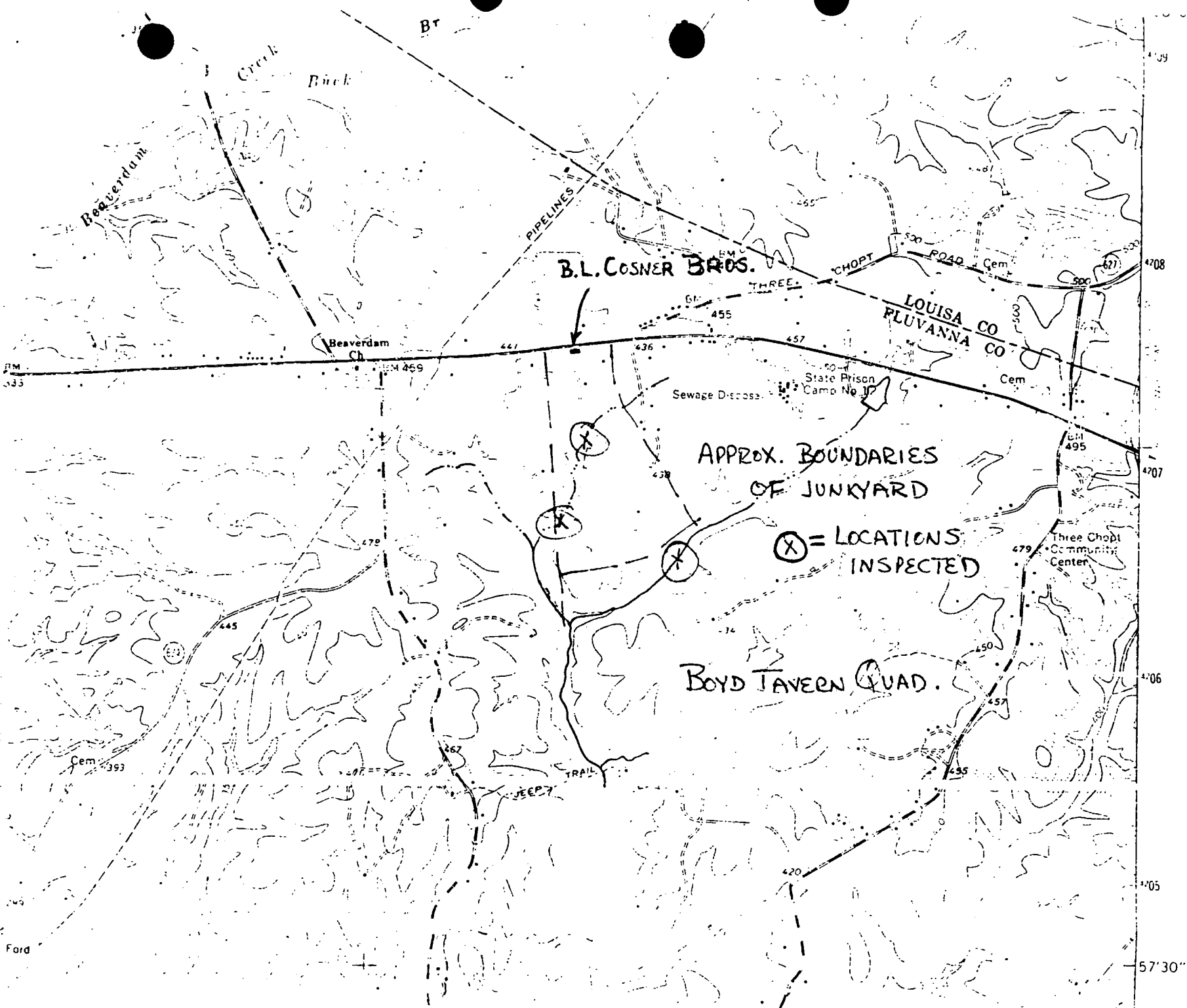
On 26 March 1984, I investigated a pollution complaint lodged against Cosner Brothers junkyard. It was transmitted to the VRO via Dave Chance. The caller complained of oil in the creek and possible contamination from batteries and engine cleaning.

The following facts were gathered on the above date:

1. The business is owned and operated by B. L. Cosner
Address - Box 255
Troy, Virginia 22974
Telephone - (804) 977-8393
Location - Fluvanna County - south side of U.S. 250 between
Rts. 698 and 600. Approximately 3 miles east of
Zion Crossroads.
2. Engines are cleaned on a cement slab which is drained to a 1000 gallon underground tank.
3. Batteries are sold as they accumulate; less than 50 on site.
4. Engines and transmissions are removed in garage. Shells of vehicles are transported to yard.
5. Yard contains thousands of vehicles.
6. Absolutely no evidence of oil in streams or at any location visited in yard.
7. No evidence found to warrant further investigation at this facility.

jes





DOCUMENTATION

Name of Witness (Preferably
not spiller)

Address

Phone Number

ORIGINAL
(Red)

Samples Taken NA

Photographic Documentation NA

CONTAINMENT AND CLEAN-UP EFFORT

Was the oil contained or cleaned up? Yes _____ No _____

If yes, complete the following:

Containment Initiated by <u>NA</u>	Time/Date Contained <u>NA</u>	Clean-Up By <u>NA</u>	
Time/Date Clean-Up Completed <u>NA</u>	Amount Recovered <u>NA</u>	Amount Lost to State Waters <u>NA</u>	Method of Disposal of Recovered Oil <u>NA</u>

How would you describe spillers response to the containment and clean-up?

Good Adequate Poor

Additional Comments (Summary):

JUNKYARD WAS EXTREMELY CLEAN. NO EVIDENCE OF OIL OR OTHER SPILLS.

PREVENTION

____ Transportation Related Spill

____ Non-Transportation Related Spill

List recommendations for the prevention of a reoccurrence of the spill.

Is the facility non-transportation related and storing sufficient oil (> 660 gallons single above ground storage tank, > 1320 gallons aggregate above ground storage, > 42,000 gallons underground storage) to require an SPCC Plan? No

Does this facility have a certified SPCC Plan implemented? Yes _____ No ✓

Larry M Carpenter
INVESTIGATOR

MEMORANDUM

State Water Control Board

2111 North Hamilton Street

P. O. Box 11143

Richmond, VA. 23230

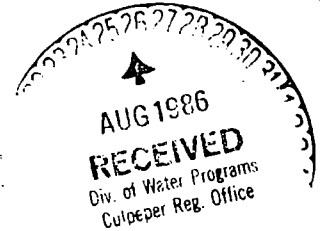
SUBJECT: PC 84-377 - Cosner Bros. - Fluvanna County

TO: PC File 84-377

FROM: R. E. Miller *REM*

DATE: 22 August 1986

COPIES: PReP Central, Joe Fromal, Bob Forman-SDH



On 21 August 1986 I made a site inspection of Cosner Bros. Junkyard. The request was made by Joe Fromal-VRO Engineer. A pond on the property had been breached and its contents were released to state waters (x-trib. to Oliver Creek).

The following observations and comments were made during the inspection:

1. The surface oil, from the pond, was removed by a septic tank hauler prior to the pond being breached. No effect was observed on the biota downstream after the pond water was released. Green algae was observed on the exposed sediment.
2. The pond sediment will be removed and buried on site and fresh fill will be used to fill in the pond. The pond will be deactivated.
3. Four 1550 gallon tanks have been installed adjacent to the garage to catch the wastes that had prior gone to the pond.
4. Mr. Cosner has contacted a septic tank hauler to periodically empty the underground tanks and transport the wastes to Solite Corp. in Buckingham County, Virginia.
5. No further investigation will be made at this time.

nt